

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Attorney Docket No.: **ISPH-0758**
Inventors: **Dobie and Freier**
Serial No.: **Not Yet Assigned**
Filing Date: **Herewith**
Examiner: **Not Yet Assigned**
Group Art Unit: **Not Yet Assigned**
Title: **Antisense Modulation of K0X 1 EXPRESSION**

"Express Mail" Label No. **EL976562796US**
Date of Deposit **August 19, 2003**

I hereby certify that this paper is being deposited
with the United States Postal Service "Express Mail
Post Office to Addressee" service under 37 CFR 1.10
on the date indicated above and is addressed to the
Commissioner for Patents, Mail Stop Sequence, P. O.
Box 1450, Alexandria, VA 22313-1450.

By *Jane Massey Licata*
Typed Name: **Jane Massey Licata, Reg. No. 32,257**

Commissioner for Patents
Mail Stop Sequence
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

INFORMATION DISCLOSURE STATEMENT

Pursuant to 37 C.F.R. §1.56 and in accordance with 37 C.F.R. §§1.97-1.98, information relating to the above-identified application is hereby disclosed. Inclusion of information in this statement is not to be construed as an admission that this information is material as that term is defined in 37 C.F.R. §1.56(b).

(XX) In accordance with §1.97(b), since this Information Disclosure Statement is being filed either within three

months of the filing date of the above-identified application, within three months of the date of entry into the national stage of the above identified application as set forth in §1.491, or before the mailing date of a first Office Action on the merits of the above-identified application, no additional fee is required.

- () In accordance with §1.97(c), this Information Disclosure Statement is being filed after the period set forth in §1.97(b) above but before the mailing date of either a Final Action under §1.113 or a Notice of Allowance under §1.311, therefore:
 - () Certification in Accordance with §1.97(e) is set forth below; or
 - () The fee of \$180.00 as set forth in §1.17(p) is attached.
- () In accordance with §1.97(d), this Information Disclosure Statement is being filed after the mailing date of either a Final Action under §1.113 or a Notice of Allowance under §1.311 but before the payment of the Issue Fee, therefore included are: Certification in Accordance with §1.97(e); Petition Requesting Consideration of the Information Disclosure Statement; and the fee of \$130.00 as set forth in §1.17(I)(1).
- () Copies of each of the references listed on the attached Form PTO-1449 (modified) are enclosed herewith.

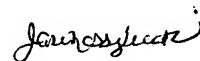
(XX) In accordance with §1.98(d), copies of some or all of the references listed on the attached Form PTO-1449 (modified) are not enclosed herewith because they were previously submitted to the U.S. Patent and Trademark Office in prior application Serial No. 10/173,817, filed June 17, 2002 for which a claim for priority under 35 U.S.C. §120 has been made in the instant application.

Please charge any deficiency or credit any overpayment to Deposit Account No. 50-1619. This form is submitted in duplicate.

() The relevance of the listed references in a foreign language is as stated in the specification at pages @@.

(XX) All listed references are in the English language.

Respectfully submitted,



Jane Massey Licata
Registration No. 32,257

Date: August 19, 2003

Licata & Tyrrell P.C.
66 E. Main Street
Marlton, New Jersey 08053

(856) 810-1515

Form PTO-1449 Modified		Docket No. ISPH-0758	Serial No. not yet assigned
List of Patents and Publications Cited by Application (Use several sheets if necessary)		Applicant Kenneth W. Dobie et al.	
		Filing Date herewith	Group
U.S. Department of Commerce Patent and Trademark Office			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
	AA	Bray et al., Characterization and mapping of human genes encoding zinc finger proteins, <i>Proc. Natl. Acad. Sci. U. S. A.</i> , 1991, 88:9563-9567	
	AB	de Haan et al., Estrogen receptor-KRAB chimeras are potent ligand-dependent repressors of estrogen-regulated gene expression, <i>J. Biol. Chem.</i> , 2000, 275:13493-13501	
	AC	Deuschle et al., Tetracycline-reversible silencing of eukaryotic promoters, <i>Mol. Cell. Biol.</i> , 1995, 15:1907-1914	
	AD	Fredericks et al., An engineered PAX3-KRAB transcriptional repressor inhibits the malignant phenotype of alveolar rhabdomyosarcoma cells harboring the endogenous PAX3-FKHR oncogene, <i>Mol. Cell. Biol.</i> , 2000, 20:5019-5031	
	AE	Herchenroder et al., Repression of the human immunodeficiency virus type 1 promoter by the human KRAB domain results in inhibition of virus production, <i>Biochim. Biophys. Acta</i> , 1999, 1445:216-223	
	AF	Huebner et al., Twenty-seven nonoverlapping zinc finger cDNAs from human T cells map to nine different chromosomes with apparent clustering, <i>Am. J. Hum. Genet.</i> , 1991, 48:726-740	
	AG	Lorenz et al., Transcriptional repression mediated by the KRAB domain of the human C2H2 zinc finger protein Kox1/ZNF10 does not require histone deacetylation, <i>Biol. Chem.</i> , 2001, 382:637-644	
	AH	Margolin et al., Kruppel-associated boxes are potent transcriptional repression domains, <i>Proc. Natl. Acad. Sci. U. S. A.</i> , 1994, 91:4509-4513	
	AI	Moosmann et al., Transcriptional repression by RING finger protein TIF1 beta that interacts with the KRAB repressor domain of KOX1, <i>Nucleic Acids Res.</i> , 1996, 24:4859-4867	

DOCKET NO.: ISPH-0758

Form PTO-1449 Modified		Docket No. ISPH-0758	Serial No. not yet assigned
List of Patents and Publications Cited by Application (Use several sheets if necessary) U.S. Department of Commerce Patent and Trademark Office		Applicant Kenneth W. Dobie et al.	
		Filing Date herewith	Group
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
	AJ	Moosmann, P., et al., Silencing of RNA polymerases II and II-dependent transcription by the KRAB protein domain of KOX1, a Kruppel-type zinc finger factor, Biol. Chem., 1997, 378:669-677	
	AK	Peng, H., et al., Biochemical analysis of the Kruppel-associated box (KRAB) transcriptional repression domain, J Biol Chem, 2000, 275:18000-10	
	AL	Rousseau-Merck, M.F., et al., Chromosomal localization of 9 KOX zinc finger genes: physical linkages suggest clustering of KOX genes on chromosomes 12, 16, and 19, Hum Genet, 1993, 92:583-7	
	AM	Thiesen, H.J., Multiple genes encoding zinc finger domains are expressed in human T cells, New Biol, 1990, 2:363-74	
	AN	Thiesen, H.J. and W. Meyer, Krab domains analyzed in human Cys/His-type zinc-finger proteins KOX 1, KOX 8, and KOX 19, Ann NY Acad Sci, 1993 684:243-5	
EXAMINER		DATE CONSIDERED	

DOCKET NO.: ISPH-0758

Form PTO-1449 Modified		Docket No. ISPH-0758		Serial No. Not yet assigned		
List of Patents and Publications Cited by Application (Use several sheets if necessary) U.S. Department of Commerce Patent and Trademark Office		Applicant Kenneth W. Dobie et al.				
		Filing Date Herewith		Group		
U.S. PATENT DOCUMENTS						
Examiner's Initial		Document No.	Date	Name	Class	Subclass
	AA	6,287,813	9/11/2001	Fussenegger et al.	435	69.1
	AB					
	AC					
	AD					
	AE					
	AF					
	AG					
	AH					
	AI					
	AJ					
	AK					
	AL					
	AM					
	AN					
FOREIGN PATENT DOCUMENTS						
Examiner's Initial		Document No.	Date	Country	Translation YES NO	
	AO	WO 00/78954	12/28/2000	PCT	X	
	AP	WO 01/74865	10/11/2001	PCT		X
	AQ	WO 01/72789	10/04/2001	PCT		X
	AR					
	AS					
	AT					
	AU					
	AV					
	AW					
	AX					
EXAMINER			DATE CONSIDERED			